

WHAT IS CLAIMED IS:

1. An air filter comprising:  
a first filter layer impregnated with oil; and  
a second filter layer provided on a downstream side of said first  
filter layer, said second filter layer being composed of a lipophobic layer  
5 having an oil-repellent property,  
each of said first filter layer and said second filter layer being  
formed of filter paper,  
filter material of said first filter layer having a higher density  
than filter material of said second filter layer, and  
10 said second filter layer being composed of said lipophobic layer  
over an entire thickness.
2. The air filter as claimed in Claim 1, wherein:  
said first filter layer and said second filter layer are combined  
integrally with each other.
3. The air filter as claimed in Claim 1 or 2, further comprising an  
additional layer.
4. The air filter as claimed in any one of Claims 1 to 3, wherein:  
said first filter layer has a pore size of from 70  $\mu\text{m}$  to 120  $\mu\text{m}$  and  
said second filter layer has a pore size of from 100  $\mu\text{m}$  to 180  $\mu\text{m}$ .
5. The air filter as claimed in any one of Claims 1 to 4, wherein:  
said second filter layer has a downstream end, which is exposed.
6. The air filter as claimed in any one of Claims 2 to 5, wherein:  
said second filter layer is subjected to an oil-repellent treatment  
and then said first filter layer and said second filter layer are combined

integrally with each other.

7. The air filter as claimed in any one of Claims 2 to 5, wherein:  
said first filter layer and second filter layer are combined  
integrally each other; and then,

said second filter layer is subjected to an oil-repellent treatment  
5 and said first filter layer is impregnated with oil.

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